

NUCLEAR DIVISION NEWS

A Newspaper for the Employees of the Nuclear Division, Union Carbide Corporation

Volume 14/Number 26 December 29, 1983

UNION
CARBIDE



In this issue . . .

This youngster apparently enjoyed chatting with Santa at the children's Christmas party in Paducah. For additional photos, please turn to page 6.

Also in this issue is a summary of the financial status of Union Carbide Nuclear Division Benefit Plans on December 31, 1982. The reports, found on page 4, are prepared in accordance with instructions from the U.S. Department of Labor and are required by the Employee Retirement Income Security Act of 1974 (ERISA).

Martin Marietta Energy Systems announces major appointments

Martin Marietta Energy Systems, Inc., has announced a number of key appointments to be effective in DOE's Oak Ridge Operations facilities April 1, 1984:

- Clyde C. Hopkins, Nuclear Division vice president, has been named senior vice president of Martin Marietta Energy Systems;
- Kenneth W. Sommerfeld, currently executive director for Support and Services at ORNL, has been named vice president, Enrichment, reporting to Hopkins;
- Gordon G. Fee has been named a vice president, reporting to Hopkins, in addition to continuing in his current position as Y-12 Plant manager;
- Herman Postma has been named a vice president, in addition to continuing in his current position as director of ORNL;
- Robert E. Burnett, currently director of Personnel for Martin Marietta Denver Aerospace, has been named manager of Employee Relations;
- Paul E. Hall, currently director of Corporation Procurement Contracts for Martin Marietta Corporation, has been named manager of Purchasing;
- Jack C. Harper, currently senior public relations/public affairs executive with Martin Marietta Aluminum in the Pacific Northwest, has been named director of Public Relations;
- Charles B. Landguth, currently director of Finance and Auditing for Martin Marietta Corporation, has been named manager of Finance;

• Joseph M. Verlander, currently director of Engineering Operations for Martin Marietta Orlando Aerospace, has been named associate director, Support and Services, ORNL; and

• Fred R. Mynatt, currently director of ORNL's Instrumentation and Controls Division, has been named associate director of Nuclear and Engineering Technologies for ORNL.

George R. Jasny, Nuclear Division vice president in the areas of Engineering and Computer Sciences, will continue to serve in this function, reporting to Hopkins. Donald B. Trauger, currently ORNL associate director for Nuclear and Engineering Technologies, will assume the newly established position of senior staff consultant to Postma.

In addition, Harold H. Osborne, purchasing manager, will report to Paul Hall as special staff assistant. James K. Denton, finance manager, will continue his employment with Union Carbide Corporation.

Martin Marietta Energy Systems, Inc., is the name of the wholly owned subsidiary of Martin Marietta Corporation that will in April assume responsibility for the four DOE facilities currently operated by the Nuclear Division. Officials had previously announced that Kenneth Jarmolow, corporate vice president of Research and Development, will be president of Martin Marietta Energy Systems.

Division inventors honored at patent luncheon

Nuclear Division patent award recipients for 1982 and 1983 were honored December 16 at a luncheon at the Oak Ridge Elks Lodge. More than 170 researchers, scientists, specialists and managers heard remarks by Nuclear Division President Roger F. Hibbs and by the featured speaker, Union Carbide Executive Vice President H. F. (Tom) Tomfohrde III, who also heads the Corporation's new Engineering and Technology Services Group.

Tomfohrde described the efforts of the new group in transferring Corporate technology to industry throughout the world, illustrating how new discoveries and products are utilized after they have been developed and patented.

Since the last Nuclear Division patent luncheon, held in August 1982, DOE has filed 164 patent applications on inventions reported by the four facilities. Some 12,000 documents were reviewed for inventive items, and more than 450 potential inventions were reported.

Inventions from ORGDP and PGDP

included barrier improvements and cascade-equipment improvements. Developments originating in the centrifuge program related to improvements in design and control of mechanical equipment and in manufacturing techniques.

ORNL inventions included innovations in advanced fuel development, materials development, fusion research and nuclear fuel reprocessing; research in alternate energy sources; improvements in efficiency of residential heating systems and thermal-energy storage systems; and advancements in instrumentation technology.

Inventions at the Y-12 Plant involved innovations in ultra-precision machining, including laser mirror fabrication; improvements in alloy and metallurgical processing; and advanced isotope separation studies.

Patents earned in the Nuclear Division are issued in the name of the inventor but are the property of the United States government.



LUNCHEON SPEAKER — Union Carbide Executive Vice President H. F. (Tom) Tomfohrde III addressed inventors at the patent awards luncheon.

Pad. 8629 1



BEGINS DAY IN WHEELCHAIR — Art Edwards arrives at PGDP after receiving his wheelchair at Paducah City Hall. He was allowed to drive himself from City Hall to the Plant; from that point on, however, he had to remain in the chair.

Art Edwards experiences 'walking' in other fellow's shoes for Handicapped Awareness Day

"Everyone assumes he's walked in the other fellow's shoes, but he hasn't until he's faced the actual experience," concluded Art Edwards, PGDP Employee Relations Division manager, after spending a day in a wheelchair as part of Handicapped Awareness Day.

This year's Handicapped Awareness program, sponsored by the Purchase Area Committee on Employment of the Handicapped, brought participants like Edwards closer to the reality of disability. Representatives from area industry and government began their day at City Hall, where each drew a disability to experience. Edwards was confined to a wheelchair and instructed to return to the Plant and carry on his normal daily activities.

According to Edwards, this was tougher than he anticipated. "Everyone thinks he has an appreciation for the problems of the handicapped, but until you experience the problems yourself, you can't understand the restrictions and confinement imposed. I am far more

sensitive now to the courage handicapped people exhibit in overcoming these obstacles."

What were the problems Edwards faced? "Doors that open outward are a real problem. In a wheelchair, you can push something out of the way much more easily than you can pull it toward you," Edwards said.

Elevators also posed a problem. "Closing the doors once you are inside is tougher than it looks," he said. "And we found out that two people in wheelchairs can't enter the elevator at the same time — there's too much hardware!"

After a day of confinement, Edwards was more than ready to return to City Hall and turn in his wheelchair. But he praised the program, adding, "It's hardly an enjoyable experience, but it's definitely a positive one. It's incredible what a day in a wheelchair can do for your perceptions of the obstacles faced by the handicapped."

Employee Relations names Westmoreland

Harriet L. Westmoreland has been named an employee relations representative in the ORGDP Employee Relations Division. Her new responsibilities will include non-exempt employment, the Co-operative Education Program and the Plant's Job Opportunity System.

Westmoreland succeeds Mary M. King, who will retire January 1 after 28 years of company service.



Westmoreland

K/PH 83-3836

Westmoreland was born in Oak Ridge and grew up in Kingston. She received her bachelor's degree in business administration/personnel management from the University of Tennessee.

She joined the ORGDP staff in 1976 as a benefit plans clerk, working there until 1981, when she took a leave of absence to complete her degree. She became a secretary in the Y-12 Quality Division in June 1982 and has worked as a technical associate in Y-12's Metal Preparation Division since January 1983.

Westmoreland is a member of the American Society for Training and Development. She has two sons and a daughter and lives with her husband, Ronald, in Harriman.

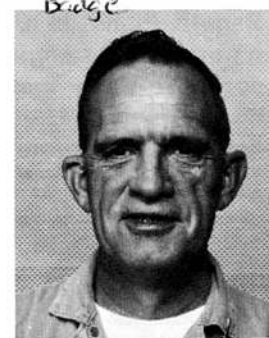
Paul D. Swindle dies in Knoxville hospital

Paul D. Swindle, a machinist in the Y-12 Fabrication Division, died December 19 at St. Mary's Medical Center in Knoxville.

Mr. Swindle, a 12-year Nuclear Division employee, lived at Route 4, LaFollette.

Survivors include his wife, Charlene, daughter, Kimberly Ann, father, Guy, sister, Nina Randolph, all of LaFollette; sister, Margie Beck, of Oakman, Ala.; brother, Richard, of Blaine; and several aunts, uncles, nieces and nephews.

Funeral services were conducted at Walters Funeral Home Chapel, LaFollette, with burial at Campbell Memorial Gardens.



Mr. Swindle

Patents granted . . .

Manfred K. Kopp and Kenneth H. Valentine, ORNL, "Neutron Flux Profile Monitor for Use in a Fission Reactor."

Henry Inouye, Chain T. Liu and Anthony C. Schaffhauser, all of ORNL, "Long Range Ordered Alloys Modified by Group IV-B Metals."

Thomas J. Burns, ORNL, "Gamma Thermometer Based Reactor Core Liquid Level Detector."

Paul A. Haas and William B. Stines, ORNL, "Method for Improved Decomposition of Metal Nitrate Solutions."

UNION
CARBIDE

Nuclear Division News

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
Post Office Box Y
Oak Ridge, Tenn. 37830

EDITOR (Y-12)
Cindy Ross Lundy, 574-1643

ORNL
Marilyn Z. McLaughlin, 574-4163

ORGDP
Ruby A. Miller, 574-8092



PADUCAH
Laura Trevor, Bell 208

Published every other week for
employees such as:

Pad. 8646 2



**Mildred Shelton of the Paducah Plant
Guard Department.**

Pride Circle Month to be observed in January

Pride Circle projects at Y-12 continue to make important contributions to quality, productivity, cost savings and safety. January 1984 has been designated Pride Circle Month, and special circle meetings are planned in each division to recognize members for their efforts, which have resulted in a variety of improvements.

Several Pride Circle accomplishments were noted in a recent program review for Y-12 Plant management. Jean Norris, a member of the "Pep-C Circle" in the Industrial Engineering Division, discussed one of those accomplishments — the development of a comprehensive orientation program for new employees in the division. "Orientations had been proposed in the past, but no one had ever actually put one together. We saw the need and did so. Now, new employees are 'on line' in their jobs faster than ever before," Norris explained.

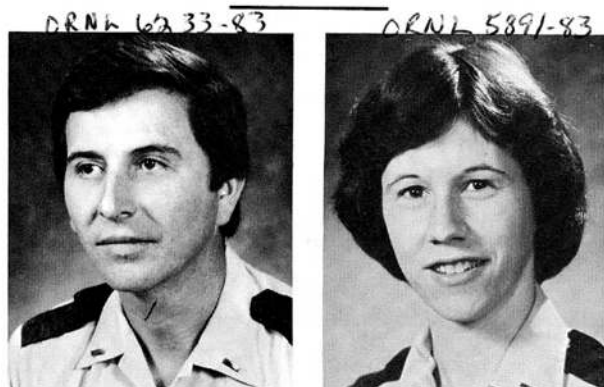
Members of the Assembly Division's "Alertness Circle" identified and solved prob-

lems encountered on an assembly, resulting in an estimated annual saving of \$30,000. With further refinements, it is estimated that savings over the life of the program will come to more than \$1 million.

A recommendation that will lead to long-term payoffs in efficiency was developed by members of the Receiving Area Circle in the Finance, Materials and Services Division. Circle members studied the floor/dock arrangement in relation to material flow and recommended the redesign of the floor area for improved efficiency. The redesign could result in a possible annual savings of some \$54,000, and many work delays would be eliminated, making the job easier.

Division supervisory personnel suggested additional improvements for circle members' consideration, and it was decided to redesign the work area, build an additional dock, install an electric conveyor system and adopt a new method of material storage. The end result of this project should be a more efficient receiving service for the Plant.

"These are just a few examples of the many recommendations made by Pride Circle members," said Bob Martin, Pride Circle Program administrator. "It is through this kind of participation that the quality improvement effort will succeed. A special 'thank you' is in order to circle members, leaders, facilitators and management for their dedication to the program."



Loveday

Tompkins

Laboratory Protection announces promotions

Billy R. Loveday and Shelia R. Tompkins have been promoted to lieutenant and Bryan C. Lamb to guard captain in the Laboratory Protection Division at ORNL.

A native of Tazewell, Loveday attended Knoxville Business College. He joined ORNL in 1978 as a security inspector.

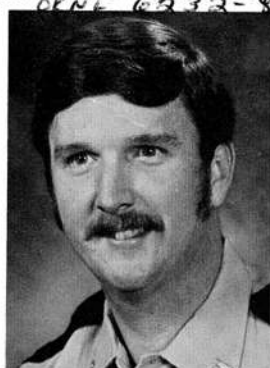
He and his wife, Donna, live on Greenwell Drive in Knoxville. They have a son.

Tompkins graduated from the Knoxville Police Academy and attended Walters State Community College. A native of Knoxville, she has been a security inspector at ORNL since 1981.

She and her husband, Chuck, live on Bell Road in Knoxville. They have a daughter.

Lamb, an Oak Ridge native, attended the University of Tennessee. He joined the ORNL staff in 1975.

Lamb, his wife, Sandy, and their two children live on Alger Road in Oak Ridge.



Lamb

Patent granted . . .

Edward T. Creech, Walter G. Northcutt and Steven A. Wallace, all of Y-12, "Process for Recovering Niobium from Uranium-Niobium Alloys."

Question Box

Why do regulations prohibit angular parking?

QUESTION: One of the current Y-12 parking regulations prohibits parking compact cars in angular parking spaces. Why was this rule made? According to procedures, such regulations are in effect only for safety reasons. This obviously is not a matter of safety. I park my compact car in the angular spaces to minimize the "dings and dents" it receives and am now being told that I could receive disciplinary action for doing this.

ANSWER: Y-12 portal parking lots were recently restried to provide additional parking spaces. Approximately 150 spaces were added, including a proportionate number for compact cars. A Y-12 Information Bulletin concerning the newly modified parking areas, issued November 1983, reads in part as follows: "Y-12's newly modified portal parking

areas represent a practical, necessary approach toward meeting current and projected parking requirements at the Plant. These changes were engineered to provide **safe, orderly and equitable** parking arrangements for the **convenience** of all employees. Analysis of Y-12 lot usage, along with nationally applied standards for space dimensions, formed the basis for the new designs...."

The dimensions of the parking spaces provided for compact and full-size cars permit safe and orderly parking if vehicles are parked in the center of the spaces. In order to preserve an adequate number of full-size slots for the larger vehicles, it is necessary for the drivers of smaller vehicles to use the smaller spaces. Everyone's cooperation is appreciated.

Ardyce Ballard named to new Paducah post

Ardyce J. Ballard has been named coordinator for the Materials Management System at the Paducah Plant. In her new position, she will supervise the addition of a new computerized materials procurement system that can be tied into similar systems at the Oak Ridge facilities.

Ballard joined the PGDP Employee Relations Division in 1955. She worked as a secretary in several divisions before becoming a maintenance planning specialist in 1975. Her most recent position was as Office Services supervisor in the Finance and Materials Division.

A native of Pawnee City, Neb., Ballard holds an associate degree in management technology and a Certified Professional Secretary rating.



Ballard

Pad. 60501

Ballard and her husband, Melvin, have two sons. They live on Hillside Drive in Mayfield.

Annual interest rate to increase for 1984

The effective annual interest rate for calendar year 1984 will be increased to 10.75 percent. This rate will apply to all money in the Fixed Income Funds, not just to money added during the year. In addition, for the next three years, ending December 31, 1986, the rate will not be less than 10 percent. The rate for 1983 was 10.25 percent.

These rates apply to both the Savings Plan Personal Investment Account and the 401(K) Opportunity Plan.

If you wish to make any changes in your savings program or have any questions concerning the Plan, see your Benefit Plans Representative.

BENEFITS AT UNION CARBIDE

The reports in this special section summarize the financial status of various Nuclear Division Benefit Plans on December 31, 1982. They are prepared in accordance with instructions from the U.S. Department of Labor and are required by the Employee Retirement Income Security Act of 1974 (ERISA).

SUMMARY ANNUAL REPORT — 1982 INSURANCE PLANS NUCLEAR DIVISION

These are the Summary Annual Reports of the Insurance Plans listed below. The complete annual reports have been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA). The plans have contracts with the insurance carriers shown to pay all claims incurred under the terms of the plans. The plans are "experience rated" contracts so the premium costs are affected by, among other things, the number and size of claims.

Plan Name	Total Premiums Paid	Total Benefits Paid
Hospital-Surgical Insurance for Employees of UCC Nuclear Division	\$21,473,552	\$21,408,416
Major Medical Insurance for Salaried Employees of UCC Nuclear Division	\$3,634,043	\$3,159,063
Special Medical Insurance for Hourly Employees of UCC Nuclear Division	\$2,629,157	\$2,114,116

The Employer Identification Number (EIN) for all plans is: 13-1421730. Participants have the right to receive a copy of the full annual report, or any part thereof, on request. The report includes insurance information including sales commissions (if any) paid by insurance carriers.

RETIREMENT PROGRAM FOR EMPLOYEES OF UNION CARBIDE CORPORATION — NUCLEAR DIVISION

This is a summary of the annual report for the Retirement Program (EIN-13-1421730) for the year 1982. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

Basic Financial Statement

Benefits under the plan are provided by Trust and Annuity Contracts. Plan expenses were \$71,701,493. These expenses included \$71,278,569 in benefits paid to participants and beneficiaries and to purchase benefits. A total of 25,044 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting liabilities of the plan, was \$608,754,159 as of December 31, 1982, compared to \$552,187,523 as of January 1, 1982. During the plan year the plan experienced an increase in its net assets of \$56,566,636. The increase included unrealized appreciation or depreciation in the value of plan assets; that is, the difference between the value of the plan's assets at the end of the year and the price the plan originally paid for those assets. The plan had total income of \$128,268,129, including employer cash contributions of \$64,782,000, employee contributions of \$100,219, and earnings from investments of \$59,642,293.

The plan has contracts with The Metropolitan Life Insurance Company and The Prudential Insurance Company of America which allocate funds toward group annuities. The total premiums paid for the plan year ending December 31 were \$71,701,493.

Minimum Funding Standards

An Actuary's statement shows that enough money was contributed to the plan to keep it funded in accordance with the minimum funding standards of ERISA.

Your Rights to Additional Information

Participants have the right to receive a copy of the full annual report, or any part thereof, on request. The items listed below are included in that report:

1. an accountant's report;
2. assets held for investment;
3. leases in default;
4. insurance information, including sales commissions paid by insurance carriers; and
5. actuarial information regarding the funding of the plan.

SAVINGS PLAN

The financial status of the Savings Plan and Group Life Insurance information appeared in the November/December 1983, issue of the Carbide World. It is not contained in data on this page.

IF YOU DESIRE MORE DETAILED INFORMATION...

To obtain a copy of these full annual reports, or any part thereof, write: The Benefit Plans Administrator, Union Carbide Corporation, Old Ridgebury Road, Benefit Plans Department, B3, Danbury, Conn. 06817. The charge to cover copying costs will be 25 cents per page for any part thereof.

You also have the legally protected right to examine the annual reports at the main office of the plans at Old Ridgebury Road, B3, Danbury, Conn. 06817, and the U.S. Department of Labor in Washington, D.C., or to obtain copies from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Weber to head PGDP Personnel Services

William K. Weber has been named Personnel Services superintendent in the Employee Relations Division at PGDP. In his new position, Weber will be responsible for Labor Relations, Wage and Salary, and Employment.



Weber

Weber joined the Nuclear Division in 1973 as a labor relations specialist at ORGDP. He moved to the Paducah Plant in 1982 to serve as Employee Relations superintendent.

A native of Kingsville, Tex., Weber earned a bachelor's degree in political science from Southwestern at Memphis. He received a doctor of jurisprudence degree from the University of Tennessee.

Weber and his wife, Melinda, have two children. They live at 210 Whippoorwill Lane in Paducah.

James Dalton named to new post at ORGDP

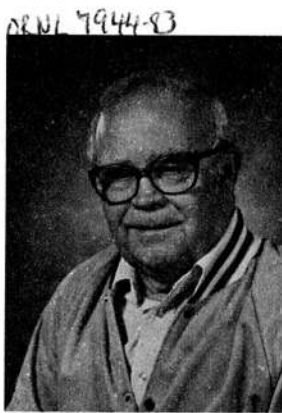
James S. Dalton has been appointed superintendent of Power and Shift Operations in the ORGDP Operations Division.



Dalton

A native of Harriman, Dalton received his BS degree in business administration from Carson-Newman College. He joined the Nuclear Division in 1968.

He and his wife, Gladys, have a son. They live on Ridgcrest Lane in Harriman.



James M. Loftus
Plant and Equipment
ORNL
40 years



Clyde E. Dalton
Maintenance
Y-12
40 years



Clarence F. Barnett
Physics
ORNL
40 years

Company Service Anniversaries

ORNL

30 YEARS

Kenneth L. Elkins, Operations.

25 YEARS

William L. Cox Jr., Orlin J. Bernard and Ronald S. Graves.

20 YEARS

Robert M. Nicklow and Gilbert W. Morrison.

Y-12

40 YEARS

Alydean W. Gable, Product Certification.

30 YEARS

Mark S. Grim Jr., Engineering; Lendon Daughtery, Dean Justice and Vernon J. Harber, Maintenance; Carl R. Hudson and Charles E. Jenkins, Industrial Engineering; and Eugene F. Dalton, Fabrication.

25 YEARS

Milton H. Vineyard Jr.

20 YEARS

Sam M. Murphy Jr.

ORGDP

30 YEARS

Charles L. Eller, Maintenance; Jack Gresham and Darrell R. Johnson, Technical Services.

25 YEARS

Marjorie H. Burdette.

20 YEARS

Jack S. Bolen and Thomas W. Bookhart.

Y-12 safety group wins national honor

The Y-12 Safety Department recently was cited by the National Safety Council for its successful participation in the Council's "Make It Click" program emphasizing the importance of using seat belts.

The Safety Department and its head, Clarence E. Johnson, were honored for obtaining the greatest number of employee pledges to use seat belts in the "private agency" category. Nearly 2900 employees made commitments to begin or continue using seat belts during the Y-12 campaign.

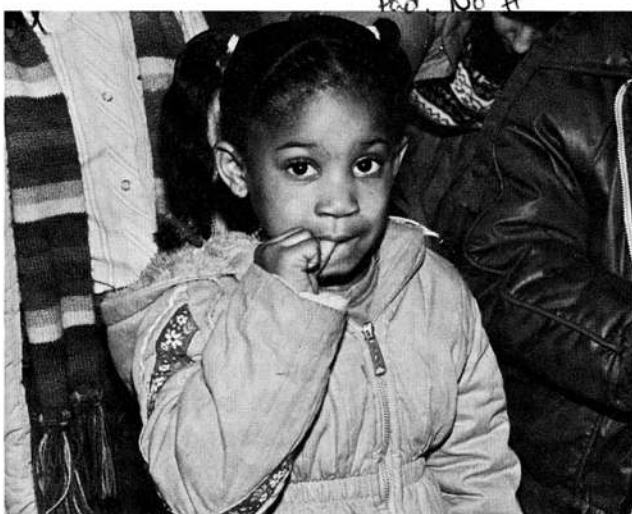
Next issue . . .

Because of the year-end holidays, there will be three weeks between issues of *Nuclear Division News*, rather than the usual two. The deadline for the next issue is Tuesday, January 10; the date of publication will be January 19.

1,732 units collected during Y-12 blood drive



AT RECENT Y-12 BLOOD DRIVE — Another successful Medic blood drive was conducted earlier this month at the Y-12 Plant, with a total of 1,732 units donated by employees assigned to the Plant. Drive Chairman George A. Yarborough expressed appreciation to all employees, division coordinators and retiree volunteers who participated, and Co-chairman George A. Gregory reminded employees that the next Y-12 drive will be held in June 1984. In the photos above, from left, Fabrication Division Manager Tony Dean, a long-time supporter of Plant drives, is screened before becoming the first donor; retiree volunteers take a break from registering donors and serving refreshments; and an employee is prepared for a donation by a Medic technician.



PADUCAH HOLIDAY PARTY — These youngsters were among the many PGDP employees' children who filled the Arcade Theatre in Paducah for the annual Children's Christmas Party earlier this month. After being entertained by clowns, puppets and cartoons, the children got what they wanted most — a chance to talk to the jolly old elf himself. See the next issue of *Nuclear Division News* for photos from the Oak Ridge children's Christmas parties.

Current standings in volleyball action

Atomic League

Team	Won	Lost
Big Ed's	22	5
Brainbusters	15	6
Profusion	15	12
Rag Bag	12	15
Dirty Half Dozen	7	17
Arties Army	4	20

Carbon League - North Division

Team	Won	Lost
Prime Time Players	24	0
Dig'm	21	0
6-Pack	21	0
Stewardway Slammers	21	3
No Names	15	6
Beech-Nuts	16	8
Condensed Matter	12	9
Mug Huggers	11	10
Portal Two-Timers	8	13
Irish Setters	6	15
Midnet Spikers	6	18
Flakes	2	22
Red Eye Gravy	1	20
Bombers	1	23

Carbon League - South Division

Team	Won	Lost
Dead Beats	22	2
Suburban Guerrillas	20	4
Aces	16	5
Phenoms	16	5
P. O. I.	15	9
Alligators	13	11
The Ball Handlers	8	10
Totally Awesome	10	14
The Straps	7	11
Odd Bods	8	13
Odds & Ends	7	14
The Crew	6	15
Born Losers	3	21
Absolute Zeros	2	19

Save Energy - Share the Ride

Y-12

NEED RIDE OR TO JOIN VAN POOL from Brookgreen Apartments area, Clinton, to Pine Ridge Portal, 7:30-4. Marilyn Hayden, plant phone 4-3799.

CAR POOL MEMBERS NEEDED from Beaver Ridge United Methodist Church parking lot, Oak Ridge Highway, to North Portal, 8-4:30. Bob Cooper, plant phone 4-3430; home phone 691-8411.

VAN POOL RIDERS NEEDED from Lake City and Clinton, 8-4:30. Joe Foust, plant phone 4-5889; home phone 426-2947.

BUS POOL RIDERS NEEDED from Knoxville, I-40 at Alcoa Highway (Expo Inn), 8-4:30. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

CAR POOL MEMBERS NEEDED from Cedar Bluff/Middlebrook Pike area to Bear Creek Portal, 8-4:30. Gerald Russell, plant phone 4-3658; home phone 691-3475.

RIDE NEEDED from Sutter's Mill Apartments area, West Knoxville, to West or Central Portal, 8-4:30. Larry Belle, plant phone 4-3352.

VAN POOL RIDERS NEEDED from Andersonville, Norris, Clinton to any portal, 8-4:30. Charles Knowles, plant phone 4-2628; home phone (Norris) 494-9563.

NEED TO JOIN OR FORM CAR POOL from Cedar Lane area, Knoxville, to Central or North Portal, 8-4:30. George Dykeman, plant phone 6-4927; home phone 687-6657.

THREE RIDERS NEEDED from Harriman/Kingston area to any portal except East, 8-4:30. Bill McKinney, plant phone 4-1283; home phone 882-1827.

NEED TO SHARE RIDE from Sugar Grove Valley near Holiday Shores to any portal, 8-4:30. J. C. Drewery, home phone 882-8753.

ORGDP

VAN POOL RIDERS NEEDED from Karns or Solway area to any portal. C. Lyons, plant phone 4-9134; home phone 690-8929.

CAR POOL MEMBERS NEEDED from LaFollette, Jacksboro and Lake City area to Portal 5, day shift. Darrell Branam, plant phone 6-0206; home phone 562-1294.

CAR POOL MEMBERS WANTED from Karns Com-

munity to Portals 3 or 5, day shift. Tom Lemons, plant phone 4-8159; or Loren Lund, 6-2311.

CAR POOL MEMBERS WANTED from east end of Oak Ridge to any portal, day shift. Doug Janney, plant phone 4-9448; home phone 483-1619.

RIDE NEEDED from Rockwood area to Portal 2, day shift. Mike Garrett, plant phone 4-7903; home phone 354-2348.

CAR POOL MEMBER NEEDED from West Town Mall to Portals 1, 2 or 4, day shift. George, plant phone 6-0506; home phone 690-6856.

RIDE NEEDED from Western Plaza/Sutherland Avenue area, Knoxville, to Portal 2, day shift. Steve Fritts, plant phone 4-7924.

VAN POOL MEMBERS NEEDED from Loudon and Lenoir City to all portals, day shift. Phone 458-5216.

ORNL

VAN POOL RIDERS NEEDED (room for two) from West Knoxville (Cedar Springs Shopping Center, Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

VAN POOL RIDERS NEEDED from East Knoxville — down Middlebrook Pike, Cedar Bluff and back down Middlebrook Pike to Pellissippi Parkway to East and West Portals, 8-4:30. A. J. Boatwright, plant phone 4-6041; home phone 970-4231.

CAR POOL MEMBERS NEEDED from Louisiana Avenue area, Oak Ridge, to any portal, 8-4:30. Frank Foust, plant phone 4-6056; home phone 483-0350.

CAR POOL MEMBER NEEDED from Campbell Station Road, Farragut, to East Portal, 8-4:30. Mark Goodman, plant phone 6-6712; home phone 966-1793.

BUS POOL RIDERS NEEDED from Maryville via Highway 95, with stops in Lenoir City, Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

NEED TO JOIN VAN POOL from Lake City to West Portal, day shift. Connie Brashears, plant phone 4-6419; home phone 426-9042.

Nuclear Division bowling highlights

Carbide Lenoir City...

The Pin Busters lead the Carbide Lenoir City League, trailed by Pa Paw's Bunch and the Pin Splitters. Recent highs were rolled by Howard Nitzsche, 568 series; Jack Packett, 222 game; Fay Watkins, 550 series; and Ruth Curtis, 192 game.

Union Carbide Monday Mixed...

The Whoevers have tied the Pacesetters for the lead in the Union Carbide Monday Mixed League. High averages are maintained by Rudolph Long, 175; Lefty Miller, 173; Jennie Saffell, 171; and Mary Johnson, 167.

Y-12 Classic League...

The Has Beens continue to lead the Y-12 Classic League, followed by the Splinters, Ridgers and Pendulum. Weekly high scorers included Harold Zang, 250/670 handicap game and series. The Has Beens rolled a team high series of 3014.

KYX Monday Men's...

Individual highs in the KYX Mondays Men's League were posted by W. Gibson, 266 handicap game; and Larry Hodge, 688 handicap series. The Dynamics continue to lead the league, followed by the Hard Times and Big Five.

K-25 Tuesday...

The City Slickers lead the K-25 Tuesday League, followed by the Road Runners and All Stars. Individual highs were posted by R. K. Johnson, 246/607 scratch game and series; L. R. Moore, 256 handicap game; and D. W. Brown, 641 handicap series.

UCC Mixed...

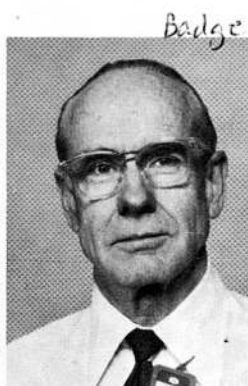
The No-Names retained the lead in the UCC Mixed League, ahead of the Gutter Dusters and Pacesetters. Individual leaders are Bob Adams, 274 game; Ken Hall, 690 series; and Ellen Queener, 281/709 game and series.

Recent Retirements

(Most of these employees will be retiring December 31.)



Willie A. McLoud
Environmental and
Occupational Safety
ORNL
30 years service



Charles F. Coleman
Chemical Technology
ORNL
35 years service



Ray Burns
Analytical Chemistry
ORNL
30 years service



Kenneth L. Elkins
Operations
ORNL
30 years service



Walter J. Stelzman
Metals and Ceramics
ORNL
37 years service



Peggy P. Harris
Health
ORNL
21 years service



Walter D. Hoyle
Engineering
ORNL
29 years service



Bobbie J. Hoyle
Chemical Technology
ORNL
28 years service



Clarence K. McGlothlan
Quality Assurance
ORNL
33 years service



William O. Graves
Finance and Materials
ORNL
26 years service



Raymond R. Dickison
Information
ORNL
28 years service



Louis A. Lee
Plant and Equipment
ORNL
32 years service



Lawrence A. Howard
Operations
ORNL
30 years service



Elmer Slaughter Jr.
Plant and Equipment
ORNL
32 years service



Lois H. Woods
Biology
ORNL
30 years service



Jack C. Rose
Chemical Technology
ORNL
35 years service



Raymond E. Millspaugh
Environmental and
Occupational Safety
ORNL
35 years service



Elliott Volkin
Biology
ORNL
35 years service



Curtis H. Conley
Plant and Equipment
ORNL
9 years service



Louise D. Rogers
Assembly
Y-12
38 years service



Earl D. Bridges
Plant and Equipment
ORNL
34 years service



Cova P. Baker
Analytical Chemistry
ORNL
36 years service



George T. Chapman
Engineering Physics
ORNL
31 years service



Joe C. Feltner
Metals and Ceramics
ORNL
16 years service



Wallace Davis, Jr.
Chemical Technology
ORNL
39 years service



James R. Carden
Process Support
ORGDP
36 years service



Mary M. King
Employee Relations
ORGDP
28 years service



Eli Y. Kimmerly
Process Support
ORGDP
38 years service



Ernest Blankenship Jr.
Maintenance
ORGDP
19 years service



Juanita C. Anderson
Environmental and
Occupational Safety
ORNL
37 years service



William B. Anderson
Finance and Materials
ORNL
37 years service



Paul W. Reinhardt
Health and Safety
Research
ORNL
37 years service

Division retirees plan January travel meeting

By Virginia Donahoe
UCRA president
576-1786

We will hold a **very important** travel planning meeting Wednesday, January 11, at 7 p.m. at the Oak Ridge Senior Center. Remember, you do not have to be a UCRA member or retiree to travel with us; anyone who is interested should attend this meeting.

For several years we have tried to organize a trip that would include pickups in both Oak Ridge and Paducah. We are now planning such an outing — a 16-day bus trip to California with a return flight from San Francisco. Details of the trip, which will begin June 30, will be in an upcoming column. We hope to have a Paducah retiree at the meeting to share information with the Paducah club officers.

Information on our 1984 trips to the Caribbean/South America, California, Europe and Williamsburg, Va., will be available at the January 11 meeting, with representatives of U.S. Travels attending. Our band will provide musical entertainment before the meeting.

1983 activities

We began two new activities in 1983 — "The Lost Chords," a 14-member band, and a camper/trailer travel club. Travel plans are being made, and Floyd Kyte is handling reservations for the first major trip, set for March. See our February column for details.

Our golf league had the greatest number of participants ever; the size of our bowling league increased from 10 to 16 teams for 1983-84; and our October reunion set an attendance record.

The three-month bridge marathon ended December 8. Top prize winners were Howard Shoptaw, Charlie Kienberger, Opal Shoptaw and Alyene Simons.

Carbide retirees provided volunteer services during the six Medic blood drives held at Oak Ridge facilities in 1983. (Thanks to Neal and Athala Dow and all the volunteers who worked at the Y-12 drive in December.) Bowling league members and other retirees also served as volunteer scorekeepers at the Special Olympics bowling tournament.

Special invitation

Carbide retirees are invited to attend a meeting of the American Association of Re-



ATTENDED UCRA HOLIDAY PARTY — These retirees and guests were among the many persons who enjoyed the recent UCRA Christmas party in Oak Ridge.

tired Persons at 1 p.m., Thursday, January 19, at the Oak Ridge Senior Center. The meeting will feature a "travel bazaar," including information and displays on cruises, tours and safaris.

Memberships for 1984

The accompanying membership form may be used for renewals and new memberships. Nuclear Division employees planning to retire (and their spouses) are eligible to join UCRA three months before the retirement date. Widows and widowers of Carbide employees also are eligible to join if they are at least 55 years of age. Spouses of retirees are eligible, with no age limit; however, participants in golf, bowling and bridge activities must be at least 55.

More than 200 signed up for 1984 membership at the October reunion, and other applicants who mailed their forms have been issued 1984 cards. Members should check the dates on their cards if they are unsure about whether they have already paid for the year.

Paducah retirees who want to join or renew memberships may send the completed form to the Oak Ridge address, and they will be forwarded to the Paducah UCRA club.

UNION CARBIDE RETIREES ASSOCIATION

Membership Application 576-1786

Annual fee: \$1 per member \$2 member and spouse

New member _____ Renewal _____

Name _____

Spouse _____

Address _____

City _____ State _____ Zip _____

Telephone—Area Code _____/Number _____

(Please note if applicant is widow or widower. Fill in "Spouse" line with deceased employee's name, year of retirement and facility from which retired.)

Retired from:

ORGDP _____ ORNL _____ Y-12 _____ Paducah _____ Staff _____

Indicate participation preference:

Golf _____ Christmas party _____

Travel _____ Bridge _____

Other activity _____ Reunions (2/yr) _____

Bowling _____

Suggestions: _____

Make check payable to:
Union Carbide Retirees Association

Mail to:
P.O. Box 3501
Oak Ridge, Tennessee 37830

UCRA

UCRA

Safety Scoreboard

SAFETY TIP: Be prepared for winter driving problems. Carry an emergency kit containing a flashlight, scraper with brush, tow chain, jumper cables, blanket, shovel and bag of salt or sand.

Time worked without a lost-time accident through December 20:

Y-12 Plant.....	37 Days	1,298,000 Employee-Hours
ORGDP	219 Days	4,701,000 Employee-Hours
ORNL	146 Days	3,190,495 Employee-Hours
Paducah.....	1,239 Days	9,651,435 Employee-Hours

UNION
CARBIDE

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NUCLEAR DIVISION
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